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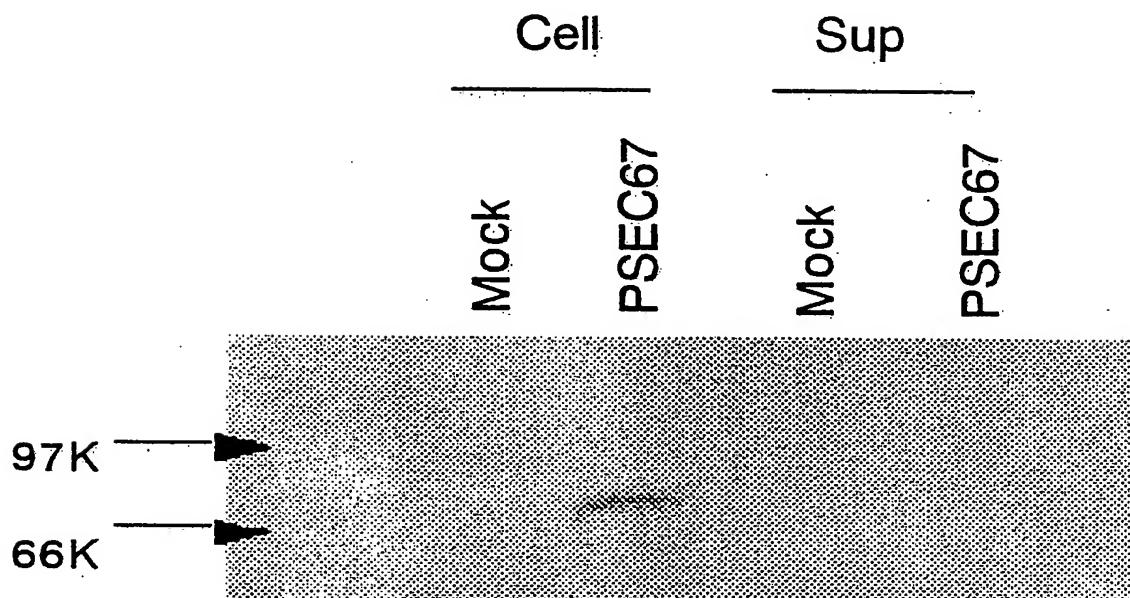
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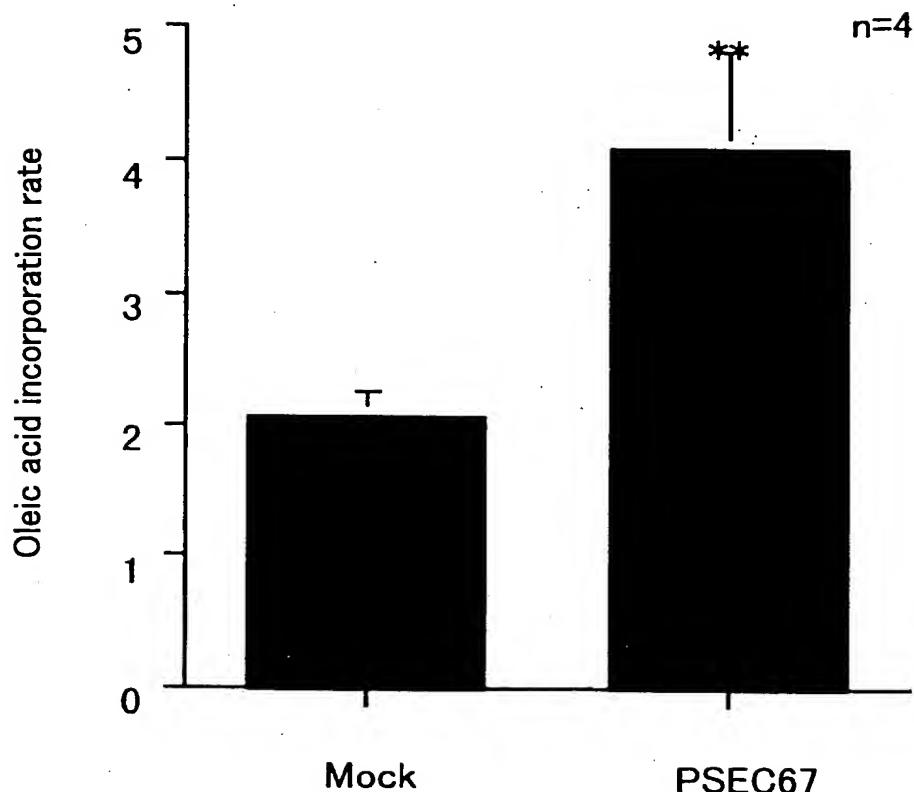
Figure 1



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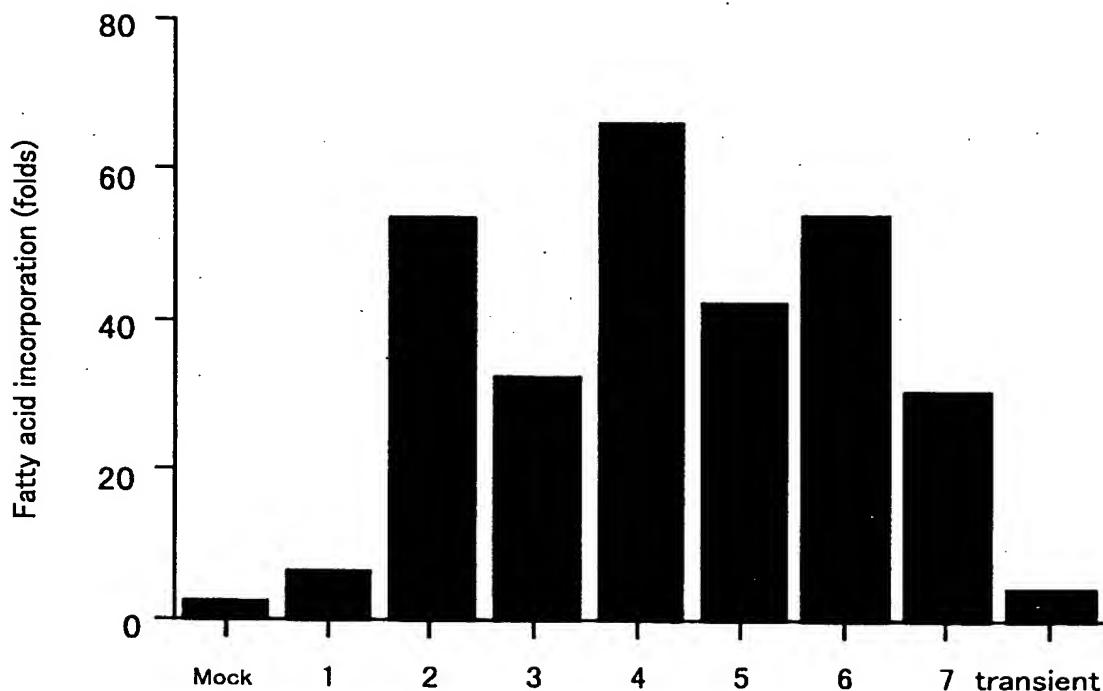
Figure 2



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Figure 3

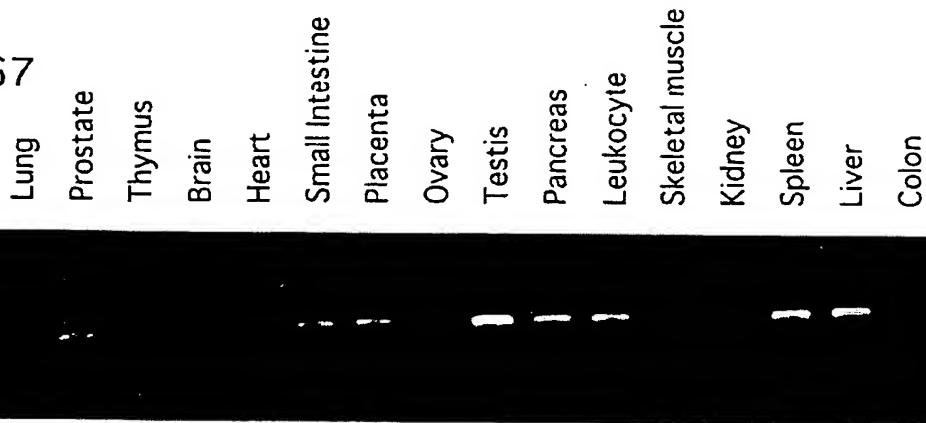


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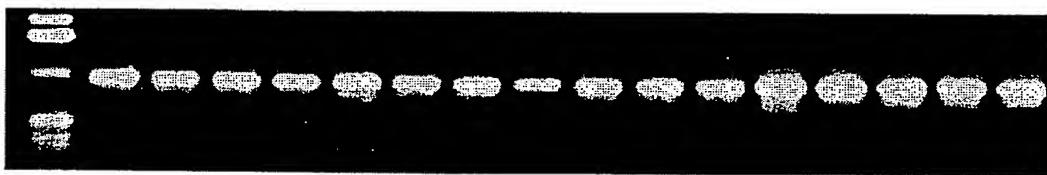
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Figure 4

PSEC67



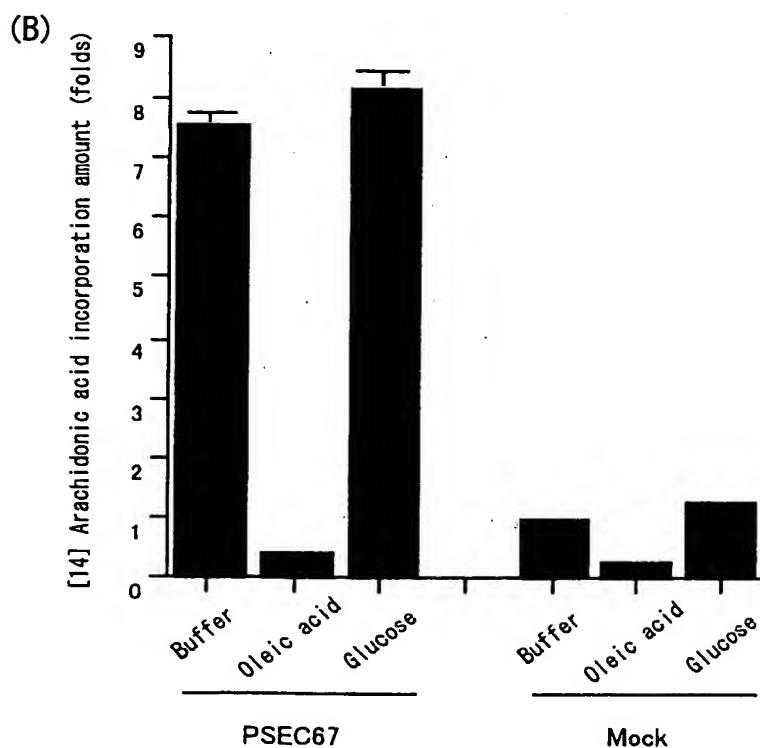
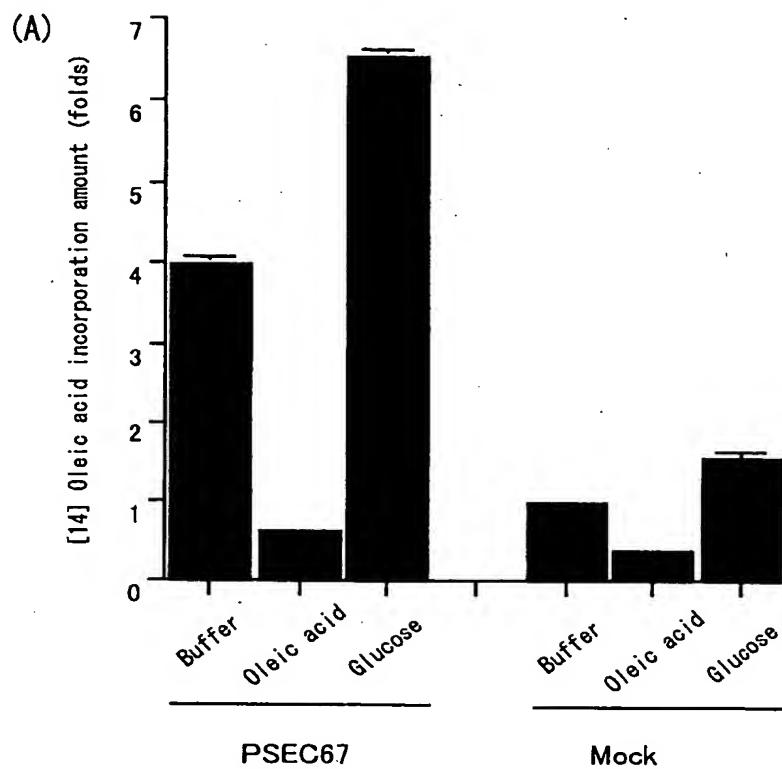
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Figure 5



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Figure 6

PSEC67:	501	ACAGGGCTGCACGCCCTTC-CTACGTGCGCTAGGCTGGACTGGGACCCGACGGCG-G	558
		AC G GC GCA GCGC TT CTACG G G AGGCTG G C G GA C CGG G	
m. FATP3:	98	ACGGCGC-GCA-GCGCTTAGCTACGCG-G—AGGCTGAG-CGGAGAGCAACCGGATTG	151
PSEC67:	559	CGACAGGGCGAGGGGAGCGCTGGAGAAGGCGAGCGGGCAGCGCG-GGAGCCGG-AGAT	616
		C C GOG C G GCGC G G G GA CGGG CGCG GG C GG AG	
m. FATP3:	152	CT-C-GOGCTTCTGCGCGACGGGCTG-GACCGGGGCCGCGAGGCTCGGGCAGGG	208
PSEC67:	617	GCAGGGGCC-GGAAG-CGG-CGCG—GAGTTGCGGAGGG-GACGGTGCCGCCAGAGGT	670
		GCAGC GGAAG CG CGCG G G T CGGG GG GA G GC GC AGAGG	
m. FATP3:	209	GCAGCACTGAGGAAGGCGCACCGGTGGCGCCT-CCGGCTGGAGATGGGCTGCTAGAGG-	266
PSEC67:	671	GGAGGAGCGCGGCCCTCTGTACCTGGAGCACTGTGGCGCTGCTCCTCCCCGCTGGC	730
		GA GA CGC CCCCTCTG CACC GG GC AC GTGGCGCTGCTCCTCCC GC GGC	
m. FATP3:	267	-GACGA-COGCGCCCGCTCTGGCACCOGGGGCACCGTGGCGCTGCTCCTCCCAGCGGGC	324
PSEC67:	731	CCAGAGTTCTGTGGCTCTGGTCGGGCTGGCCAAGGCCGGCCTGCGCACTGCCCTTG	790
		CC GA TT CT TGG T TGTTTCGG CTGGCAA GC GGCCTGCGCAC GCCTTGTG	
m. FATP3:	325	CCGGATTCTTGGATTGGTCTGGACTGGCAAAGCTGGCTGCGCACGCCCTTG	384
PSEC67:	791	CCCACCGCCTGCGCGGGGGCCCTGCTGCACTGCCCTCGCAGCTGGCGCGCGCG	850
		CCCACCGC T CGCGG GG CCCTGCTGCACTGCCCTCGCAGCTGGG GCG G GCG	
m. FATP3:	385	CCCACCGCTTACGCCAGGACCCCTGCTGCACTGCCCTCGCAGCTGGGTGGAGTGG	444
PSEC67:	851	CTGGTGCTGGGCCAGAGTTCTGGAGTCCCTGGAGCCGGACCTGCCGCCCTGAGAGCC	910
		CT GTGCTGG CAGATT CTGGAGTCCCTGGAGCCGGACCTGCC GCC TGAGAGCC	
m. FATP3:	445	CTCGTGTGGCACAGAGTTCTGGAGTCCCTGGAGCCGGACCTGCCGCCCTGAGAGCC	504
PSEC67:	911	ATGGGGCTCACCTGTGGCTGCAGGCCAGGAACCCACCTGCTGAAATTAGCGATTG	970
		ATGGGGCTCACCT TGGGC C GGCC G AAC A GCTGGAAT AGC ATTG	
m. FATP3:	505	ATGGGGCTCCACCTATGGCGACGGGCCCTGAAACTAATGTAGCTGGAATCAGCAATTG	564
PSEC67:	971	CTGGCTGAAGTGTCCGCTGAAGTGGATGGCCAGTGCCAGGATA CCTCTTCCCCCAG	1030
		CT C GAAG C G AAGTGGATG GCCAGTGCC GG TACCTCTT CCCCCCAG	
m. FATP3:	565	CTATCGGAAGCAGCACCAAGTGGATGAGCCAGTGCCGGGTACCTCTGCCCCCAG	624
PSEC67:	1031	AGCATAACAGACACGTGCCTGTACATCTCACCTCTGGCACCA CGGCCCTCCCCAAGGCT	1090
		A CATAA GACAC TGCCTGTACATCTCACCTCTGGCAC AC GGCCT CCCAAGGCT	
m. FATP3:	625	AACATAATGGACACCTGCCTGTACATCTCACCTCTGGCACTACTGCCCTGCCAAGGCT	684
PSEC67:	1091	GCTCGGATCAGTCATCTGAAGATCCTGCAATGCCAGGGCTCTATCAGCTGTGGTGTC	1150
		GCTCG ATCA GTCTCATCTGAAG T CT CA TGCCAGGG TTCTA CA CTGTGTGG GTC	
m. FATP3:	685	GCTCGAATCAGTCATCTGAAGGTTCTACAGTGCCAGGGATTCTACCATCTGTGTGGAGTC	744
PSEC67:	1151	CACCAAGGAAGATGTGATCTACCTCGCCCTCCACTCTACACATGTCCGGTCCCTGCTG	1210
		CACCAAGGA GA GTGATCTACCTCGC CTCCCACT TACCA CATGTC GG TCCCT CTG	
m. FATP3:	745	CACCAAGGAGGACGTGATCTACCTCGCACTCCACTGTACCA CATGTCTGGCTCCCTCTG	804
PSEC67:	1211	GGCATCGTGGCTGCATGGGATTGGGCCACAGTGGTCTGAAATCCAAGTTCTCGGCT	1270
		GGCAT GTGGCTGC TGGCAT TGGGCCAC GTGGTCTGAAA CCAAGTTCTC GCT	
m. FATP3:	805	GGCATCGTGGCTGCCTGGGATTGGGCCACCGTGGTCTGAAACCCAAGTTCTCAGCT	864

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Figure 7

PSEC67:	1271	GGTCAGTTCTGGGAAGATTGCCAGCAGCACAGGTGACGGTGTCCAGTACATTGGGAG	1330
		G CAGTTCTGGGA GATTGCCAG A CACAGGGTGAC GTGTTCCAGTACATTGGGAG	
m. FATP3:	865	AGOCAGTTCTGGGACGATTGCCAGAACACAGGGTGACAGTGTCCAGTACATTGGGAG	924
PSEC67:	1331	CTGTGCCGATACTTGTCAACCAGCCCCGAGCAAGGCAGAACGTGCCATAAGGTCCGG	1390
		TGTGCCGATACTT GTCAACCAGCCCCGAGCAAGGCAGA TG CCATAAGGT CG	
m. FATP3:	925	TTGTGCCGATACTCGTCAACCAGCCCCGAGCAAGGCAGAGTTGACCATAAGGTGCGC	984
PSEC67:	1391	CTGGCAGTGGGAGCAGCCCCCTGCCAGATACCTGGGAGCCTTGTGCGGCGCTTGGG	1450
		TGGCAGTGGGAG GGG TGCGGCGA ACCTGGGAGCCTT TGCGGCG TT GG	
m. FATP3:	985	TTGGCAGTGGGAGCTGGGTTGCCAGACACCTGGGAGCGTTCTGCGGCGATTGGA	1044
PSEC67:	1451	CCCTGCAGGTGCTGGAGACATATGGACTGACAGAGGGCAACGTGCCACCATCAACTAC	1510
		CC CTGCAG T CTGGAGAC TATGG TGACAGAGGGCAACGT GC AC TCAA TAC	
m. FATP3:	1045	CCTCTGCAGATACTGGAGACGTATGGCATGACAGAGGGCAACGTAGCTACGTTCAATTAC	1104
PSEC67:	1511	ACAGGACAGGGGGCGCTGTGGGCGTGCTTCTGGCTTACAAGCATATCTCCCTTC	1570
		ACAGGAC GC GGG GC GTGGGGCG GCTTCTGGCTTACAAGCA ATCTCCCTTC	
m. FATP3:	1105	ACAGGACGGCAGGGTGCAGTGGGCGAGCTTCTGGCTTACAAGCACATCTCCCTTC	1164
PSEC67:	1571	TCCTTGATTGCTATGATGTCAACCACAGGAGAGCCAATTGGGACCCCCAGGGGACTGT	1630
		TCCTTGATTG TA GATGTCA ACAGG GAGCC ATTGG A CCCAGGGGACTG	
m. FATP3:	1165	TCCTTGATTGATACTGATGTCACTGACAGGGGAGCCTATTGGAATGCCAGGGGACTGC	1224
PSEC67:	1631	ATGGCCACATCTCAGGTGAGCCAGGGCTGCTGGTGGCCCCCGTAAGCCAGCAGTCCCCA	1690
		ATG CCACATCTCAGGTGAGCCAGG CT CTGGTGGCCCC GT AGCCAGCAGTCCCC	
m. FATP3:	1225	ATGACCATCTCAGGTGAGCCAGGCTACTGGTGGCCCCAGTGAGCCAGCAGTCCCCC	1284
PSEC67:	1691	TTCCCTGGGCTATGCTGGGGGCCAGAGCTGGCCAGGGGAAGTTGCTAAAGGATGTCTTC	1750
		TTCCCTGGGCTATGCTGG G CC GAGCTGGCC AGG AAG TGCT AAGGATGTCTTC	
m. FATP3:	1285	TTCCCTGGGCTATGCTGGGGCTCCGGAGCTGCCAAGGACAAGCTGCTGAAGGATGTCTTC	1344
PSEC67:	1751	CGGCCTGGGATGTTCTCAACACTGGGACCTGCTGGTCTGCCATGACCAAGGTTT	1810
		GG CTGGGA GTTTCTCAA ACTGGGACCT TGGCTG GATGA CAAGG TTT	
m. FATP3:	1345	TGGTCTGGGAGCTTCTCAATACTGGGACCTTGGTCTGTGATGAGCAAGGCTTT	1404
PSEC67:	1811	CTCCGCTTCCATGATGTTACTGGAGACACCTCAGGTGGAAGGGGAGAATGTGCCACA	1870
		CT C CTTCAA GATGTTACTGGAGACACC TCAGGTGGAAGGG GAGAATGTGCCACA	
m. FATP3:	1405	CTTCACCTTCACTGATGTTACTGGAGACACCATCAGGTGGAAGGGAGAGAATGTGCCACA	1464
PSEC67:	1871	ACCGAGGTGGCAGAGGTCTCGAGGCCCTAGATTTCTCAGGAGGTGAACGTCTATGGA	1930
		AC GA GTGGC GAGGTCTT GAG CCCT GA TT CTTAGGAGGTGAAC TCTATGGA	
m. FATP3:	1465	ACTGAAGTGGCTGAGGTCTTGGAGACCCCTGGACTTCTCAGGAGGTGAACATCTATGGA	1524
PSEC67:	1931	GTCACTGTGCCAGGGCATGAAGGCAGGGCTGGAATGGCAGCCCTAGTTCTGCGTCCCCC	1990
		GTCAC GTGCCAGGGCA GAAGGCAGGGC GG ATGGC GGC T G TCTGCG OCCC	
m. FATP3:	1525	GTCACGGTGCCAGGGCAAGGCAGGGCAGGCATGGCGCCCTGGCTCTGCGGCCCCCG	1584
PSEC67:	1991	CACGCTTGGACCTATGCAAGCTCTACACCCACGTGCTGAGAACCTGCCACCTATGCC	2050
		CA GCT TG ACCT TGCAGCTCTACA CCA GT TCTGAGAACCTGCCACC TATGCC	
m. FATP3:	1585	CAGGCTCTGAACCTGGTCAGCTACAGGCATGTTCTGAGAACCTGCCACCGTATGCC	1644
PSEC67:	2051	CGGCCCCGATTCTCAGGCTCCAGGAGCTTGGCACCACAGAGACCTTCAAACAGCAG	2110
		CG CC CG TT CTAGGCTCCAGGA TCTTGGCCAC AC GAGACCTCAAACAGCAG	
m. FATP3:	1645	CGACCTCGGTTCTCAGGCTCCAGGAATCTTGGCCACTACTGAGACCTCAAACAGCAG	1704

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Title: FATTY ACID TRANSPORTER
PROTEINS AND THE GENES ENCODING
THE PROTEINS
Inventor(s): MORIKAWA Noriyuki et al.
Attorney Docket No.: 084335-0154

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Figure 8

PSEC67: 2111 AAAGTTGGATGGCAAATGAGGGCTTGCACCCAGCACCTGTCTGACCCACTGTACGTT 2170
AA GTT GGATGGC AATGAGGGCTT GACCCAG CTGTCTGACCCACT TA GTT
m. FATP3:1705 AAGGTTAGGATGGCCAATGAGGGCTTGCACCCAGTGTACTGTCTGACCCACTCTATGTT 1764

PSEC67: 2171 CTGGACCAGGCTGTAGGTGCCTACCTGCCCTCACAACTGCCCGTACAGGCCCTCCTG 2230
CTGGACCA G T TAGG GCCTACCTGCCCTCACAACTGCCCGTACAG GCCCTCCTG
m. FATP3:1765 CTGGACCAAGATATAAGGGCCTACCTGCCCTCACACCTGCCCGTACAGTGCCCTCCTG 1824

PSEC67: 2231 GCAGGAAACCTTCGAATCTGA 2251
C GGA ACCTTCGAATCTGA
m. FATP3:1825 TCTGGAGACCTTCGAATCTGA 1845

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Figure 9

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Figure 10